

# Juan Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

721  
citations

516710

16  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1023  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocatalysis-mediated MOF-to-prussian blue transformation enabling sensitive detection of NSCLC-associated miRNAs with dual-readout signals. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114139.	10.1	28
2	Direct C-H Sulfonylimination of Pyridinium Salts. <i>Organic Letters</i> , 2022, 24, 2821-2825.	4.6	10
3	Visible-Light-Enabled Photosensitizer- and Additive-Free Decarboxylative Coupling Cyclization of Enaminone with N-Arylglycine for 3-Aminoalkyl Chromones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 2169-2173.	4.3	11
4	Facile Synthesis of 2-Methylnicotinonitrile through Degenerate Ring Transformation of Pyridinium Salts. <i>Journal of Organic Chemistry</i> , 2022, 87, 7975-7988.	3.2	3
5	Iodination/Amidation of the N-Alkyl (Iso)quinolinium Salts. <i>Journal of Organic Chemistry</i> , 2021, 86, 716-730.	3.2	8
6	A portable thermal detection method based on the target responsive hydrogel mediated self-heating of a warming pad. <i>Chemical Communications</i> , 2021, 57, 9862-9865.	4.1	6
7	Copper-catalyzed oxidative cyclization of glycine derivatives toward 2-substituted benzoxazoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1616-1619.	2.8	5
8	Visible-Light-Induced Aerobic Oxidative C <sup>3</sup> -H Functionalization of Glycine Derivatives for 2-Substituted Benzoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2568-2572.	4.3	14
9	Ultrasensitive zero-background photoelectrochemical biosensor for analysis of organophosphorus pesticide based on in situ formation of DNA-templated Ag <sub>2</sub> S photoactive materials. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6279-6288.	3.7	11
10	Asymmetric synthesis of chiral organosilicon compounds via transition metal-catalyzed stereoselective C-H activation and silylation. <i>Chemical Communications</i> , 2021, 57, 8250-8263.	4.1	33
11	Highly Efficient Copper-Catalyzed Dehydrogenative Cross-Coupling of Azoles with $\alpha$ -Amino Carbonyl Compounds. <i>Synthesis</i> , 2021, 53, 2277-2285.	2.3	1
12	Palladium-Catalyzed Direct Arylation of Alkylpyridine via Activated N-Methylpyridinium Salts. <i>Journal of Organic Chemistry</i> , 2020, 85, 622-632.	3.2	7
13	Rolling circle amplification promoted magneto-controlled photoelectrochemical biosensor for organophosphorus pesticides based on dissolution of core-shell MnO <sub>2</sub> nanoflower@CdS mediated by butyrylcholinesterase. <i>Mikrochimica Acta</i> , 2020, 187, 450.	5.0	26
14	Ultrasensitive split-type electrochemical sensing platform for sensitive determination of organophosphorus pesticides based on MnO <sub>2</sub> nanoflower-electron mediator as a signal transduction system. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6939-6945.	3.7	22
15	Visible-Light-Induced Dehydrogenative Imidoylation of Imidazo[1,2-a]pyridines with $\alpha$ -Amino Acid Derivatives and $\alpha$ -Amino Ketones. <i>Journal of Organic Chemistry</i> , 2020, 85, 15062-15071.	3.2	15
16	Target-induced elimination of photosensitizer and formation insulation layer enabling ultrasensitive photoelectrochemical detection of ochratoxin A. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126707.	7.8	21
17	Target-engineered photo-responsive DNA strands: a novel signal-on photoelectrochemical biosensing platform for ochratoxin A. <i>Analytical Methods</i> , 2019, 11, 5638-5644.	2.7	11
18	Enzymatic oxydate-triggered AgNPs etching: A novel signal-on photoelectrochemical immunosensing platform based on Ag@AgCl nanocubes loaded RGO plasmonic heterostructure. <i>Biosensors and Bioelectronics</i> , 2019, 130, 125-131.	10.1	41

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19	Photocatalyst-free decarboxylative aminoalkylation of imidazo[1,2- <i>a</i> ]pyridines with <i>N</i> -aryl glycines enabled by visible light. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3693-3697.	4.5	35
20	Two-dimensional MoS <sub>2</sub> as a nano-binder for ssDNA: Ultrasensitive aptamer based amperometric detection of Ochratoxin A. <i>Mikrochimica Acta</i> , 2018, 185, 162.	5.0	39
21	A conventional chemical reaction for use in an unconventional assay: A colorimetric immunoassay for aflatoxin B1 by using enzyme-responsive just-in-time generation of a MnO <sub>2</sub> based nanocatalyst. <i>Mikrochimica Acta</i> , 2018, 185, 92.	5.0	32
22	Effect of combining adsorption-stripping treatment with acidification on the growth of <i>Chlorella vulgaris</i> and nutrient removal from swine wastewater. <i>Bioresource Technology</i> , 2018, 263, 10-16.	9.6	49
23	Nonenzymatic sensing of hydrogen peroxide using a glassy carbon electrode modified with graphene oxide, a polyamidoamine dendrimer, and with polyaniline deposited by the Fenton reaction. <i>Mikrochimica Acta</i> , 2018, 185, 569.	5.0	16
24	In-situ amplified voltammetric immunoassay for ochratoxin A by coupling a platinum nanocatalyst based enhancement to a redox cycling process promoted by an enzyme mimic. <i>Mikrochimica Acta</i> , 2017, 184, 2445-2453.	5.0	26
25	DNA-based electrochemical determination of mercury(II) by exploiting the catalytic formation of gold amalgam and of silver nanoparticles. <i>Mikrochimica Acta</i> , 2016, 183, 1805-1812.	5.0	22
26	Amplified impedimetric immunosensor based on instant catalyst for sensitive determination of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2016, 86, 386-392.	10.1	42
27	Novel glucometer-based immunosensing strategy suitable for complex systems with signal amplification using surfactant-responsive cargo release from glucose-encapsulated liposome nanocarriers. <i>Biosensors and Bioelectronics</i> , 2016, 79, 508-514.	10.1	43
28	Homogeneous electrochemical immunoassay of aflatoxin B1 in foodstuff using proximity-hybridization-induced omega-like DNA junctions and exonuclease III-triggered isothermal cycling signal amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8593-8601.	3.7	15
29	A Green Strategy to Prepare Metal Oxide Superstructure from Metal-Organic Frameworks. <i>Scientific Reports</i> , 2015, 5, 8401.	3.3	54
30	Non-enzymatic electrochemical immunoassay using noble metal nanoparticles: a review. <i>Mikrochimica Acta</i> , 2015, 182, 2077-2089.	5.0	74
31	The model of generalized partially horizontal collaborative fuzzy C-means. , 2009, , .		1